INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/018836

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl¹ F04C18/02, 29/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ F04C18/02, 29/10

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho

1922–1996

Jitsuyo Shinan Toroku Koho

1996–2005

Kokai Jitsuyo Shinan Koho

1971–2005

Toroku Jitsuyo Shinan Koho

1994–2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Further documents are listed in the continuation of Box C.

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. | |
|-----------|---|-----------------------|--|
| A | JP 8-334094 A (Coopland Corp.), 17 December, 1996 (17.12.96), Full text; all drawings | 1-6 | |
| А | JP 58-98687 A (Mitsubishi Heavy Industries, Ltd.), 11 June, 1983 (11.06.83), Full text; all drawings | 1-6 | |
| A | Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 158792/1984 (Laid-open No. 73093/1986) (Tokico Ltd.), 17 May, 1986 (17.05.86), Full text; all drawings | 1-6 | |

| * "A" | Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance | "T" | later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention | | | | |
|---|---|--|---|--|--|--|--|
| "E" | earlier application or patent but published on or after the international filing date | "X" | document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone | | | | |
| "L" | document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | | "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is | | | | |
| "O" "P" | document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the | " ~ " | combined with one or more other such documents, such combination being obvious to a person skilled in the art | | | | |
| | priority date claimed | "&" | document member of the same patent family | | | | |
| Date of the actual completion of the international search | | Date of mailing of the international search report 17 May, 2005 (17.05.05) | | | | | |
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| | 20 April, 2005 (20.04.05) | | 1/ may, 2005 (17.05.05) | | | | |
| Name and mailing address of the ISA/ | | Authorized officer | | | | | |
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| LOTHI I CAMBUNZA (Second Silect) (Sanda) | | | | | | | |

See patent family annex.

INTERNATIONAL SEARCH REPORT Information on patent family members

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| | JP 58-98687 A | 1983.06.11 | (Family: none) | |
| | JP 61-73093 U | 1986.05.17 | (Family: none) | ` |